Docket No.: 14501-002001

SPEECH COMPRESSION USING PRINCIPAL COMPONENT ANALYSIS ABSTRACT

A method of compressing speech data includes parsing an input waveform into pitch segments, determining principal components of at least one pitch segment and sending a subset of the determined principal components during an initial transmission period. The method also includes sending coefficients of the input waveform for each pitch segment during a period subsequent to the initial transmission period.

10

5